

A B S T R A C T

The invention relates to a propulsion device comprising a gas ejection nozzle and an injection chamber
5 for injecting at least one propellant fluid. According to the invention, the device has an induction loop which surrounds a zone of the nozzle and also an electricity generator to feed said induction loop, in particular under drive from a heat engine whose heat source is a
10 nuclear core and whose heat sink is a cryogenic liquid which is subsequently used for propulsion.